Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6643
Dr. M. Mazhar

To: **Mr. Faisal Hussain Awan**
Material Engineer, TETRA READY MIX, A Concrete Solutions Company

Project: 32B, B Block DHA Phase I Lahore

Our Ref. No. CL/CED/ 4314 **Dated: 28/2/2024** **Test Specification**

Your Ref. No. TRM/129/24 **Dated: 28/1/2024** **(ASTM C39)**

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 30/1/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	3000 Psi	21	1	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
2	3000 Psi	21	1	2024	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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6760
Dr. M. Mazhar

To: **Mr. M. Faisal Bhatti**
Construction Manager, ITTEFAQ Building Solutions (Pvt) Ltd

Project: Mr. Chugtai House Residence at Plot #74 Muneer Road Cantt. Lahore. (Omar House)

Our Ref. No. CL/CED/ 4315 **Dated: 28/2/2024**

Your Ref. No. Nil **Dated: 23/2/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 23/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Retaining Wall (4000 Psi)	26	1	2024	6Diax12	---	13	28.28	68	5386	---	Non Engraved
2	Retaining Wall (4000 Psi)	26	1	2024	6Diax12	---	14	28.28	52	4119	---	Non Engraved
3	Retaining Wall (4000 Psi)	26	1	2024	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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6760
Dr. M. Mazhar

To: **Mr. M. Faisal Bhatti**
Construction Manager, ITTEFAQ Building Solutions (Pvt) Ltd

Project: Mr. Chugtai House Residence at Plot #74 Muneer Road Cantt, Lahore (Omar House)

Our Ref. No. CL/CED/ 4316 **Dated: 28/2/2024**

Your Ref. No. Nil **Dated: 23/2/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 23/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Lift + Samp (4000 Psi)	27	1	2024	6Diax12	---	13.4	28.28	54	4277	---	Non Engraved
2	Lift + Samp (4000 Psi)	27	1	2024	6Diax12	---	14	28.28	62	4911	---	Non Engraved
3	Lift + Samp (4000 Psi)	27	1	2024	6Diax12	---	13.2	28.28	54	4277	---	Non Engraved
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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6724
Dr. M. Mazhar

To: Mr. Hafiz Saeed ur Rehman
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: REMODELING AND UPGRADATION OF ADA NULLAH & WALTON ROAD (PACKAGE-I)- 28 Days Compressive Strength of RCC Pipes Dia 48" & 24" Cylinders. (Contractor: M/s NLC Engineers)

Our Ref. No. CL/CED/ 4317 Dated: 28/2/2024

Your Ref. No. 4702/13/HSR/09/28 Dated: 06-02-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 16/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Wahga Pipe Factory	6	1	2024	6Diax12	---	13.4	28.28	77	6099	---	Non Engraved
2	Wahga Pipe Factory	6	1	2024	6Diax12	---	13.4	28.28	117	9267	---	Non Engraved
3	Wahga Pipe Factory	6	1	2024	6Diax12	---	13	28.28	99	7842	---	Non Engraved
4	Wahga Pipe Factory	7	1	2024	6Diax12	---	13.4	28.28	85	6733	---	Non Engraved
5	Wahga Pipe Factory	7	1	2024	6Diax12	---	13	28.28	66	5228	---	Non Engraved
6	Wahga Pipe Factory	7	1	2024	6Diax12	---	13.6	28.28	97	7683	---	Non Engraved
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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6724
Dr. M. Mazhar

To: Mr. Hafiz Saeed ur Rehman
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: REMODELING AND UPGRADATION OF ADA NULLAH & WALTON ROAD (PACKAGE-I)- 28 Days Compressive Strength of RCC Pipes Dia 66"Cylinders. (Contractor: M/s NLC Engineers)

Our Ref. No. CL/CED/ 4318 Dated: 28/2/2024

Your Ref. No. 4702/13/HSR/09/27 Dated: 06-02-24

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 16/2/2024 Tested on: 28/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Shalimar Pipe Factory	5	1	2024	6Diax12	---	13	28.28	64	5069	---	Non Engraved
2	Shalimar Pipe Factory	5	1	2024	6Diax12	---	13.2	28.28	70	5545	---	Non Engraved
3	Shalimar Pipe Factory	5	1	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
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3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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ORIGINAL
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6729
Dr. M. Mazhar

To: Engr. M. Abrar Ahmad
ABRAR AHMAD ASSOCIATES, 40-B Commercial 1st Floor Office #2 Sector C Bahria Town Lahore

Project: 49-Ghaznavi Comm. Bahria Town Lahore.

Our Ref. No. CL/CED/ 4319 Dated: 28/2/2024

Your Ref. No. Nil Dated: 19/2/2024

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 19/2/2024 Tested on: 28/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	1st Floor Column	20	1	2024	6Diax12	---	13	28.28	15	1188	---	Non Engraved
2	1st Floor Column	20	1	2024	6Diax12	---	13.2	28.28	32	2535	---	Non Engraved
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

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ORIGINAL
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6754
Dr. M. Mazhar

To: Mr. Muhammad Tariq
Project Manager, United Lifestyle, Johar Town Lahore

Project: Sky Scrapers by United Lifestyle E-10 FTC MA Johar Town Lahore.

Our Ref. No. CL/CED/ 4320 **Dated: 28/2/2024**

Your Ref. No. ULS/2024/010 **Dated: 22/2/2024**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 22/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Skyscrapers	14	1	2024	6Diax12	---	12.4	28.28	48	3802	---	Non Engraved
2	Skyscrapers	14	1	2024	6Diax12	---	13	28.28	56	4436	---	Non Engraved
3	Skyscrapers	14	1	2024	6Diax12	---	13.2	28.28	58	4594	---	Non Engraved
4	Skyscrapers	25	1	2024	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
5	Skyscrapers	25	1	2024	6Diax12	---	13.2	28.28	44	3485	---	Non Engraved
6	Skyscrapers	25	1	2024	6Diax12	---	13	28.28	46	3644	---	Non Engraved
7	Skyscrapers	10	2	2024	6Diax12	---	13	28.28	26	2059	---	Non Engraved
8	Skyscrapers	10	2	2024	6Diax12	---	13.2	28.28	34	2693	---	Non Engraved
9	Skyscrapers	10	2	2024	6Diax12	---	13.6	28.28	22	1743	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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6754
Dr. M. Yousaf

To: Mr. Muhammad Tariq
Project Manager, United Lifestyle, Johar Town Lahore.

Project: Sky Scrapers by United Lifestyle E-10 FTC MA Johar Town Lahore.

Our Ref. No. CL/CED/ 4321 Dated: 28/2/2024 Test Specification

Your Ref. No. ULS/2024/012 Dated: 22/2/2024 (----)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 22/2/2024 Tested on: 28/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Hollow Block	---	---	---	15.9 x 6 x 8	---	17.6	59.04	47	1783	---	---
2	Hollow Block	---	---	---	15.9 x 6 x 8	---	17	59.04	42	1593	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) Director/Dy. Director Concrete Laboratory

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6754
Dr. M. Yousaf

To: Mr. Muhammad Tariq
Project Manager, United Lifestyle, Johar Town Lahore

Project: Sky Scrapers by United Lifestyle E-10 FTC MA Johar Town Lahore.

Our Ref. No. CL/CED/ 4322 **Dated: 28/2/2024** **Test Specification**

Your Ref. No. ULS/2024/011 **Dated: 22/2/2024** **(----)**

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 22/2/2024 Tested on: 28/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Hollow Block	---	---	---	15.9 x 5.9 x 8	---	16.2	55.8	22	883	---	---
2	Hollow Block	---	---	---	15.8 x 3.9 x 8	---	15	45.92	40	1951	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6784
Dr. M. Mazhar

To: Sub Divisional Officer
Sub Division No. 17, GOR-I, Lahore.

Project: Construction of Balance Work "Punjab Small Industries Corporation House", Davis Road, Lahore.

Our Ref. No. CL/CED/ 4323 Dated: 28/2/2024 **Test Specification**

Your Ref. No. SDO/994 Dated: 02-12-24 (BS 1881-116)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 27/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Slab (1:2:4)	9	2	2024	6x6x6	---	8	36	36	2240	---	Engraved
2	Slab (1:2:4)	9	2	2024	6x6x6	---	8.2	36	24	1493	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6762
Dr. M. Mazhar

To: Mr. Ashiq Ali
District, Lahore.

Project: Residence of Farah and Abdul Hassan 1202 T- DHA Phase-8

Our Ref. No. CL/CED/ 4324 **Dated:** 28/2/2024

Your Ref. No. Gen-434/2 **Dated:** 24/2/2024

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 26/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	22	1	2024	6x6x6	---	8	36	94	5849	---	Engraved
2	---	22	1	2024	6x6x6	---	8.2	36	77	4791	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6774
Dr. M. Yousaf

To: Mr. Muhammad Tufail
Construction Team Leader, Lahore Office, Zor Engineers (Pvt) Limited

Project: Alpha Church of Pakistan, Construction of Church & School, Sangla Hill. (School Roof Top Slab)

Our Ref. No. CL/CED/ 4325 **Dated:** 28/2/2024 **Test Specification**

Your Ref. No. 230.43.1/MT/4 **Dated:** 27-02-24 (BS 1881-116)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 27/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(1:2:4)	1	2	2024	6x6x6	---	8	36	48	2987	---	Engraved
2	(1:2:4)	1	2	2024	6x6x6	---	8.2	36	38	2364	---	Engraved
3	(1:2:4)	1	2	2024	6x6x6	---	7.8	36	47	2924	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6776
Dr. M. Yousaf

To: Mr. Muhammad Imran Khan
Material Engineer ECSP, MPA Hostel, Phase-II, Engineering Consultancy Services Punjab (Pvt) Ltd

Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II (Lower Basement Retaining Wall- Group No. 1)

Our Ref. No. CL/CED/ 4326 Dated: 28/2/2024 **Test Specification**

Your Ref. No. 340/ECSP/MPA/ME/80 Dated: 02-02-24 (BS 1881-116)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 27/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	5	1	2024	6x6x6	---	9	36	100	6222	---	Engraved
2	---	5	1	2024	6x6x6	---	8.4	36	105	6533	---	Engraved
3	---	5	1	2024	6x6x6	---	8.2	36	132	8213	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6776
Dr. M. Yousaf

To: Mr. Muhammad Imran Khan
Material Engineer ECSP, MPA Hostel, Phase-II, Engineering Consultancy Services Punjab (Pvt) Ltd

Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II (Lower Basement Retaining Wall- Group No. 1)

Our Ref. No. CL/CED/ 4327 Dated: 28/2/2024 Test Specification

Your Ref. No. 340/ECSP/MPA/ME/82 Dated: 21-02-24 (BS 1881-116)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 27/2/2024 Tested on: 28/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	24	1	2024	6x6x6	---	8.2	36	95	5911	---	Engraved
2	---	24	1	2024	6x6x6	---	8.6	36	107	6658	---	Engraved
3	---	24	1	2024	6x6x6	---	8.6	36	99	6160	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6767
Dr. M. Yousaf

To: Mr. Zulfiqar Mustafa
Head of Operations, BEMSOL Private Limited

Project: Boiler 75 TPH: Pedestal Beam (N-K/1 &14) for BSP Boiler Project at Kasur

Our Ref. No. CL/CED/ 4328 Dated: 28/2/2024 **Test Specification**

Your Ref. No. BPL/202402263 Dated: 26/2/2024 (BS 1881-116)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 26/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-30	19	1	2024	6x6x6	---	8	36	105	6533	---	Non Engraved
2	C-30	19	1	2024	6x6x6	---	8.2	36	90	5600	---	Non Engraved
3	C-30	19	1	2024	6x6x6	---	8.4	36	80	4978	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6767
Dr. M. Yousaf

To: Mr. Zulfiqar Mustafa
Head of Operations, BEMSOL Private Limited

Project: Boiler 75 TPH: Foundation (N-K/1 &14) for BSP Boiler Project at Kasur

Our Ref. No. CL/CED/ 4329 **Dated: 28/2/2024** **Test Specification**

Your Ref. No. BPL/202402262 **Dated: 26/2/2024** **(BS 1881-116)**

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 26/2/2024 Tested on: 28/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-30	10	1	2024	6x6x6	---	8.4	36	112	6969	---	Non Engraved
2	C-30	10	1	2024	6x6x6	---	8.2	36	112	6969	---	Non Engraved
3	C-30	10	1	2024	6x6x6	---	8.6	36	58	3609	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6767
Dr. M. Yousaf

To: Mr. Zulfiqar Mustafa
Head of Operations, BEMSOL Private Limited

Project: Boiler 75 TPH: Foundation (N-K/1 &14) for BSP Boiler Project at Kasur

Our Ref. No. CL/CED/ 4330 Dated: 28/2/2024 **Test Specification**

Your Ref. No. BPL/202402261 Dated: 26/2/2024 (BS 1881-116)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 26/2/2024 **Tested on:** 28/2/2024 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	C-30	4	1	2024	6x6x6	---	8	36	109	6782	---	Non Engraved
2	C-30	4	1	2024	6x6x6	---	8	36	108	6720	---	Non Engraved
3	C-30	4	1	2024	6x6x6	---	8.2	36	101	6284	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6758
Dr. M. Yousaf

To: Mr. Zafar Iqbal
Ashraf Sugar Mills

Project: Nil

Our Ref. No. CL/CED/ 4331 Dated: 28/2/2024 Test Specification

Your Ref. No. Nil Dated: 23-02-24 (----)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 23/2/2024 Tested on: 28/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rect. Sample A Class-Grey 80 mm	---	---	---	7.9 x 3.9 x 3	---	3745	30.81	85	6180	---	---
2	Rect. Sample A Class-Grey 80 mm	---	---	---	7.9 x 3.9 x 3	---	3675	30.81	85	6180	---	---
3	Rect. B Ash-Grey 80 mm	---	---	---	7.9 x 3.9 x 3	---	3940	30.81	120	8724	---	---
4	Rect. B Ash-Grey 80 mm	---	---	---	7.9 x 3.9 x 3	---	3860	30.81	111	8070	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

6756
Dr. M. Yousaf

To: Mr. ASIM CHIRAGH
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Remodeling of Gajjumatta Chowk, Ferozepur Road Lahore. (M/S Bahu Builders One)

Our Ref. No. CL/CED/ 4332 Dated: 28/2/2024 Test Specification

Your Ref. No. 3811/103/ADP-23/AC/259 Dated: 15/02/2024 (----)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 22-02-24 Tested on: 28/2/2024 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3660	30.42	126	9278	---	---
2	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3645	30.42	124	9131	---	---
3	Rectangular, Grey, 80mm	---	---	---	7.8 x 3.9 x 3	---	3770	30.42	89	6554	---	---
4	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2870	30.42	110	8100	---	---
5	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2870	30.42	144	10604	---	---
6	Rectangular, Grey, 60mm	---	---	---	7.8 x 3.9 x 2.4	---	2865	30.42	166	12224	---	---
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Witnessed by:

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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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